

Please type a + sign inside box ☐

Based on PTO/SB/01 (3/97)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**DECLARATION FOR PATENT APPLICATION**☐ Declaration Submitted WITH Initial Filing OR ☒ Declaration Submitted After Initial Filing

Attorney Docket Number:

57.0286

First-Named Inventor:

Stephen N. Davies

COMPLETE IF KNOWN:

Application Number:

09/647,273

Filing Date:

September 27, 2000

Group Art Unit:

Examiner's Name:

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND COMPOSITIONS FOR WATER CONTROL**

the specification of which:

☐ is attached hereto as Attorney Docket No.: \_\_\_\_\_

OR

☒ was filed on September 27, 2000 ☒ as United States Application No. 09/647,273 or  
☐ PCT International Application No. \_\_\_\_\_  
☐ and was amended on \_\_\_\_\_ (MMDDYY).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 1.19(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application Numbers	Country	Foreign Filing Date (MMDDYY)	Priority Not Claimed	Certified Copy Attached? Yes	No
9806493.4	GB	27-MAR-1998		<input type="checkbox"/>	<input checked="" type="checkbox"/>
PCT/GB99/00942	WO	25-MAR-1999		<input type="checkbox"/>	<input checked="" type="checkbox"/>

☐ Additional foreign application numbers are listed in a supplemental priority data sheet PTO/SB/02B, attached hereto.

Please type a + sign inside box ☒

Based on PTO/SB/01 (3/97)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE☐ I hereby claim the benefit under Title 35 U.S.C. § 1.19(e) of any United States provisional application(s) listed below.

Application Number	Filing Date

☐ Additional provisional patent application numbers are listed in a supplemental priority data sheet PTO/SB/02B, attached hereto.

I hereby claim the benefit under 35 U.S.C. § 1.20 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph 35 of U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

US Parent Application Number	PCT Parent Number	Parent Filing Date (MMDDYY)	Parent Patent Number (if applicable)
---------------------------------	-------------------	--------------------------------	---

☐ Additional US or PCT international application numbers are listed in a supplemental priority data sheet PTO/SB/02B, attached hereto.

As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Name	Registration Number	Name	Registration Number
Maryam Bani-Jamali	<u>36,084</u>	Victor Segura	<u>44,329</u>
Gordon G. Waggett	<u>34,476</u>	J. H. Bouchard	<u>29,286</u>
Robin C. Nava	<u>42,926</u>	Wayne I. Kanak	<u>35,564</u>
John J. Ryberg	<u>31,134</u>	Jeffery E. Griffin	<u>36,534</u>
Steve Christian	<u>38,106</u>	Peter Y. Lee	<u>30,865</u>
Brigitte Jeffery	<u>38,925</u>	William L. Wang	<u>39,871</u>
Douglas Y'Barbo	<u>42,239</u>		
Jaime Castano	<u>41,660</u>		

*Steve Segura*

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information Sheet PTO/SB/02B, attached hereto.

I hereby direct that all correspondence and telephone calls be addressed to:

Name	Maryam Bani-Jamali				
Address	Schlumberger Technology Corporation				
Address	110 Schlumberger Drive, MD1				
City	Sugar Land	State	Texas	Zip	77478
Country	U.S.A.	Telephone	281-285-4524	Fax	281-285-8569

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

Please type a + sign inside the box ☐

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United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Sole or first inventor:

Inventor's Full Name

Stephen  
(First)N.  
(Initial)Davies  
(Last)

Inventor's Signature:

*Stephen Davies*Date: 19/9/00

Residence Street Address

1 Church End, Over, South Cambridgeshire CB4 5NH, United Kingdom

Country of Residence:

United Kingdom

Citizenship:

United Kingdom *GBX*

## Second inventor:

Inventor's Full Name

Timothy  
(First)G. J.  
(Initial)Jones  
(Last)

Inventor's Signature:

*Timothy Jones*Date: 21/9/2000

Residence Street Address

242 High Street, Cottenham, Cambridge CB4 8RZ, United Kingdom

Country of Residence:

United Kingdom

Citizenship:

United Kingdom *GBX*

## Third inventor:

Inventor's Full Name

Silke  
(First)(Initial)Olthoff  
(Last)

Inventor's Signature:

*Silke Olthoff*Date: 21/9/2000

Residence Street Address

6 Whitmore Way, Waterbeach, Cambridge CB5 9HS, United Kingdom

Country of Residence:

United Kingdom

Citizenship:

Germany *GBX*

## Fourth inventor:

Inventor's Full Name

Gary  
(First)J.  
(Initial)Tustin  
(Last)

Inventor's Signature:

*Gary Tustin*Date: 19/09/00

Residence Street Address

8 Carrick Close, Cambridge CB1 8RQ, United Kingdom

Country of Residence:

United Kingdom

Citizenship:

United Kingdom *GBX*

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**DECLARATION FOR PATENT APPLICATION**☐ Declaration Submitted **WITH** Initial Filing      **OR**      ☒ Declaration Submitted **After** Initial Filing**Attorney Docket Number:**

57.0286

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Stephen N. Davies

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09/647,273 ✓

**Filing Date:**

September 27, 2000

**Group Art Unit:****Examiner's Name:**

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the specification of which:

☐ is attached hereto as Attorney Docket No.: \_\_\_\_\_**OR**☒ was filed on September 27, 2000 ☒ as United States Application No. 09/647,273 or  
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US Parent Application Number	PCT Parent Number	Parent Filing Date (MMDDYY)	Parent Patent Number (if applicable)
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Steve Christian	38,106	Peter Y. Lee	30,865
Brigitte Jeffery	38,925	William L. Wang	39,871
Douglas Y'Barbo	42,239		
Jaime Castano	41,660		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information Sheet PTO/SB/02B, attached hereto.

I hereby direct that all correspondence and telephone calls be addressed to:

<b>Name</b>	Maryam Bani-Jamali				
<b>Address</b>	Schlumberger Technology Corporation				
<b>Address</b>	110 Schlumberger Drive, MD1				
<b>City</b>	Sugar Land	<b>State</b>	Texas	<b>Zip</b>	77478
<b>Country</b>	U.S.A.	<b>Telephone</b>	281-285-4524	<b>Fax</b>	281-285-8569

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

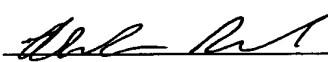
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 22nd day of SEPTEMBER, 2000;




**TIMOTHY G. J. JONES**

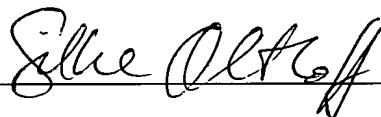
BE IT KNOWN, that **TIMOTHY G. J. JONES**, is to me known to be the individual described in the foregoing assignment, that on this 22nd day of September, 2000, I personally was present and did see this individual sign and execute the foregoing assignment and that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Witnesses:

Signature:  Date: 22/9/2000  
Name: ALISTAIR REID  
Address: 31 DOUGLAS GARDENS  
DURHAM, DH1 3PU

Signature:  Date: 22 Sept 2000  
Name: A. PERETTI  
Address: 62 CAMBRIDGE RD.  
IMPINGTON CAMBS CB4 4NU UK


IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 22nd day of SEPTEMBER, 2000;




**SILKE OLTHOFF**

BE IT KNOWN, that, **SILKE OLTHOFF**, is to me known to be the individual described in the foregoing assignment, that on this 22 day of September, 2000, I personally was present and did see this individual sign and execute the foregoing assignment and that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Witnesses:

Signature:  Date: 22 Sept '00  
Name: HEMANT K J LADIA  
Address: 64 PERNE AVENUE  
CAMBRIDGE CB1 3SA

Signature:  Date: 22 Sept 2000  
Name: A. PERETTI  
Address: 62 CAMBRIDGE ROAD  
IMPINGTON CAMBS CB4 4NU UK

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. NAME OF CONVEYING PARTY(IES):

Stephen N. Davies  
Timothy G.J. Jones  
Silke Olthoff  
Gary J. Tustin

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation  
110 Schlumberger Drive  
Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT

EXECUTION DATE: September 19, 2000, September 22, 2000, September 22, 2000, and  
September 19, 2000, respectively

4. APPLICATION NUMBER(S) OR PATENT NUMBER(S):

If this document is being filed with a new application, the execution date of the application is: \_\_\_\_\_

A. PATENT APPLICATION NO.(s) 09/647,273

C. PATENT APPLICATION FILING DATE: September 27, 2000

B. PATENT NO.(s)

D. PATENT ISSUE DATE:

NO ADDITIONAL NUMBERS ATTACHED

5. NAME AND ADDRESS FOR  
CORRESPONDENCE:

Maryam Bani-Jamali  
Schlumberger Technology Corporation  
110 Schlumberger Drive, MD1  
Sugar Land, Texas 77478

6. TOTAL NUMBER OF APPLNS. &  
PATENTS INVOLVED 1.

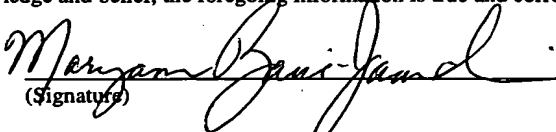
7. TOTAL FEE (37 CF4.3.41) \$40.00

CHARGE TO DEPOSIT ACCOUNT

8. DEPOSIT ACCOUNT NO. 04-1579(57.0286)  
(a duplicate of this page is attached)

9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

 Nov. 15, 2000  
(Signature) (Date)

Total number of pages including cover sheet, attachments and document: 4

## ASSIGNMENT

WHEREAS, we,

**STEPHEN N. DAVIES**, a citizen of the United Kingdom, whose post office address is 1 Church End, Over, South Cambridgeshire CB4 5NH, United Kingdom;  
**TIMOTHY G. J. JONES**, a citizen of the United Kingdom, whose post office address is 242 High Street, Cottenham, Cambridge CB4 8RZ, United Kingdom;  
**SILKE OLTHOFF**, a citizen of Germany, whose post office address is 6 Whitmore Way, Waterbeach, Cambridge CB5 9HS, United Kingdom; and  
**GARY J. TUSTIN**, a citizen of the United Kingdom, whose post office address is 8 Carrick Close, Cambridge CB1 8RQ, United Kingdom,

hereinafter referred to as the "Inventors" have invented certain new and useful improvements in

### METHOD AND COMPOSITIONS FOR WATER CONTROL

for which I/we have described and set forth in an application for Letters Patent, which is filed in the United States Patent and Trademark Office on the date specified in the Recordation Form Cover Sheet, and which is / will be assigned a serial number specified in the Recordation Form Cover Sheet, if the serial number is known (Attorney Docket Number 57.0286);

WHEREAS, Schlumberger Technology Corporation, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.



AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, my executors or administrators, will execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 19<sup>th</sup> day of September, 2000;

Stephen N. Davies

**STEPHEN N. DAVIES**

BE IT KNOWN, that **STEPHEN N. DAVIES**, is to me known to be the individual described in the foregoing assignment, that on this 19<sup>th</sup> day of September, 2000, I personally was present and did see this individual sign and execute the foregoing assignment and that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Witnesses:

Signature: A. P. PITT

Name: A. P. PITT

Address: 6 Cambridge Road, Impington  
Cambridge CB4 6NU, UK.

Date: 19. Sept. 2000

Signature: Anna Bruce

Name: ANNA BRUCE


Address: The Chestnuts, Long Lane,  
Foulmere, Hertfordshire SG8 7TA  
United Kingdom

Date: 19 Sep 00

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or first inventor:

**Inventor's Full Name** Stephen N. Davies  
(First) (Initial) (Last)


**Inventor's Signature:**  **Date:** 19/9/00

**Residence Street Address** 1 Church End, Over, South Cambridgeshire CB4 5NH, United Kingdom

**Country of Residence:** United Kingdom **Citizenship:** United Kingdom

Second inventor:

**Inventor's Full Name** Timothy G. J. Jones  
(First) (Initial) (Last)


**Inventor's Signature:**  **Date:** 21/9/2000

**Residence Street Address** 242 High Street, Cottenham, Cambridge CB4 8RZ, United Kingdom

**Country of Residence:** United Kingdom **Citizenship:** United Kingdom

Third inventor:

**Inventor's Full Name** Silke  Olthoff  
(First) (Initial) (Last)

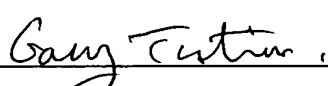
**Inventor's Signature:**  **Date:** 21/9/2000

**Residence Street Address** 6 Whitmore Way, Waterbeach, Cambridge CB5 9HS, United Kingdom

**Country of Residence:** United Kingdom **Citizenship:** Germany

Fourth inventor:

**Inventor's Full Name** Gary J. Tustin  
(First) (Initial) (Last)

**Inventor's Signature:**  **Date:** 19/09/00

**Residence Street Address** 8 Carrick Close, Cambridge CB1 8RQ, United Kingdom

**Country of Residence:** United Kingdom **Citizenship:** United Kingdom

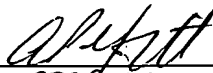
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 19<sup>th</sup> day  
of September, 2000;


Gary Tustin

Gary J. Tustin

BE IT KNOWN, that **Gary J. Tustin**, is to me known to be the individual described in the foregoing assignment, that on this 19<sup>th</sup> day of September, 2000, I personally was present and did see this individual sign and execute the foregoing assignment and that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Witnesses:

Signature:  Date: 19 Sept 2000  
Name: A. PEROTTI  
Address: 62 Cambridge Rd, Lymington  
Cambridge CB4 6NU, UK

Signature:  Date: 19 Sep 00  
Name: ANNA BRUCE  
Address: The Chestnuts, Long Lane,  
Foulmere, Hertfordshire SG8 7TA  
United Kingdom

RECORDATION FORM COVER SHEET  
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1. NAME OF CONVEYING PARTY(IES):

Stephen N. Davies  
Timothy G.J. Jones  
Silke Olthoff  
Gary J. Tustin

No additional names attached

2. NAME AND ADDRESS OF RECEIVING PARTY(IES):

Schlumberger Technology Corporation  
110 Schlumberger Drive  
Sugar Land, Texas 77478

No additional names & addresses attached

3. NATURE OF CONVEYANCE:

ASSIGNMENT

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NO ADDITIONAL NUMBERS ATTACHED

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Schlumberger Technology Corporation  
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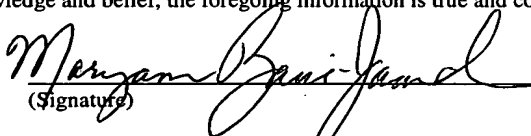
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(Signature) (Date)

Total number of pages including cover sheet, attachments and document: 4

11/24/2000 ERIMANDO 00000090 041579 09647273

02 FC:581

40.00 CH